

ABSTRACT OF THE DISCLOSURE

A multi-stage automatic transmission for a motor vehicle with standard drive has one overdrive front-mounted gearset (VS) which is connected with one input shaft (AN), a multi-member main gearset connected with one output shaft (AB) and connectable with one output element of the front-mounted gearset (VA), the same as six shifting elements (A, B, C, D, E, F) by the selective paired closing of which preferably eight forward gears can be engaged without range shifting. The main gearset comprises three rear-mounted gearsets (NS1, NS2, NS3) whose three sun gears (SO_NS1, SO_NS2, SO_NS3) are interconnected and can be connected with the output element of the front-mounted gearset (VS) and with the input shaft (AN). One web (ST_NS1) of the first rear-mounted gearset (NS1) is fixable and connectable with the input shaft (AN). One internal gear (HO_NS1) of the first rear-mounted gearset (NS1) and both webs (ST_NS2, ST_NS3) of the second and third rear-mounted gearsets (NS2, NS3) are interconnected and connected with the input shaft (AB). One internal gear (HO_NS2) of the second rear-mounted gearset (NS2) is fixable. One internal gear (HO_NS3) of the third rear-mounted gearset (NS3) can be connected with the output element of the front-mounted gearset (VS). One connecting element (VE) from the output element of the main gearset to the output shaft (AB) is axially tied between the second and third rear-mounted gearset (NS2, NS3) on the coupled web (ST_NS2, ST_NS3) thereof and overlaps the third rear-mounted gearset (NS3) radially when viewed in axial direction.